

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058821.D
 Acq On : 23 Aug 2023 14:13
 Operator : MA/JU
 Sample : 04091-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Quant Time: Aug 23 15:02:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

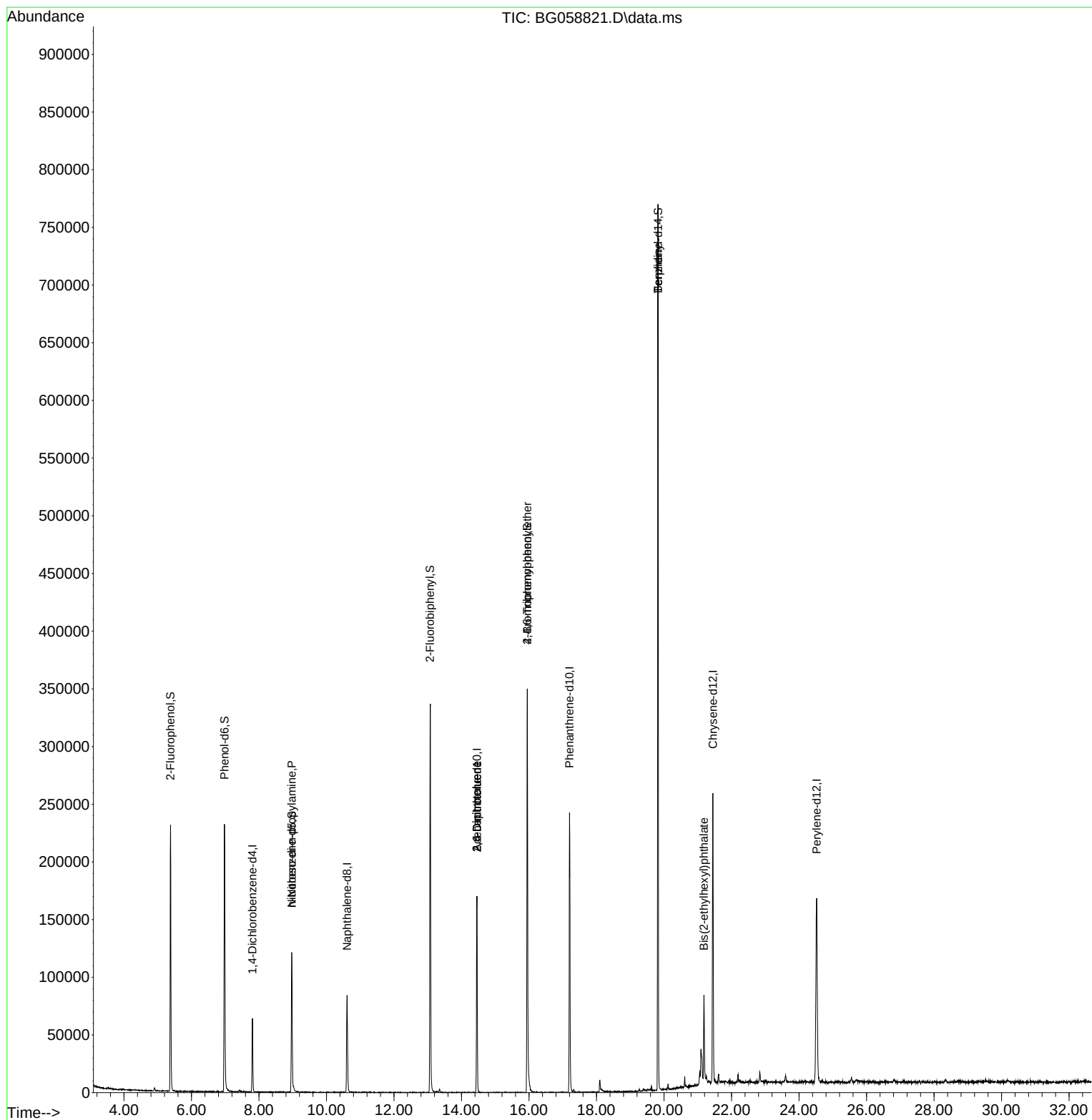
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	17160	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	80627	20.000	ng	# 0.00
39) Acenaphthene-d10	14.457	164	66195	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	175033	20.000	ng	0.00
76) Chrysene-d12	21.449	240	153425	20.000	ng	0.00
86) Perylene-d12	24.521	264	187961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	92913	87.133	ng	0.00
7) Phenol-d6	6.977	99	134541	89.929	ng	0.00
23) Nitrobenzene-d5	8.969	82	80282	47.872	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	85504	82.380	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	201628	44.302	ng	0.00
79) Terphenyl-d14	19.821	244	413317	48.372	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.969	70	10056	10.398	ng	# 76
51) 2,6-Dinitrotoluene	14.457	165	8246	7.658	ng	# 22
57) 2,4-Dinitrotoluene	14.457	165	8246	5.491	ng	# 19
67) 4-Bromophenyl-phenylether	15.949	248	5624	2.928	ng	# 1
77) Benzidine	19.821	184	5700	2.073	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.184	149	37307	5.867	ng	# 53

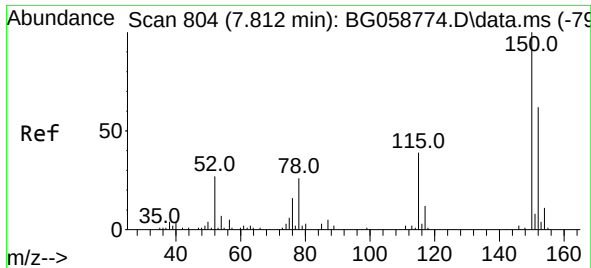
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

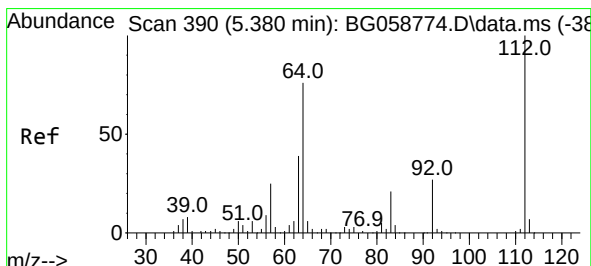
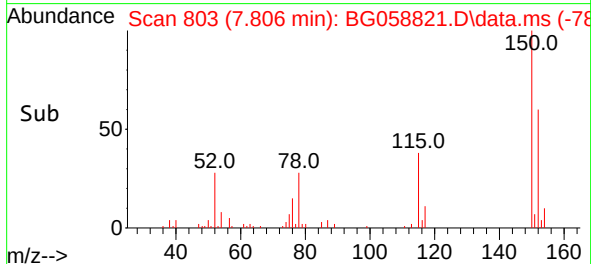
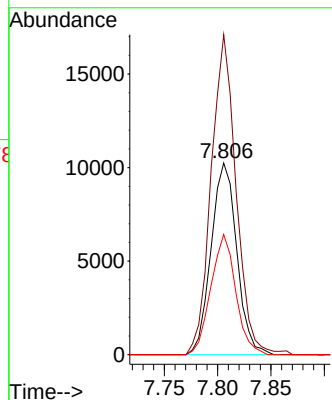
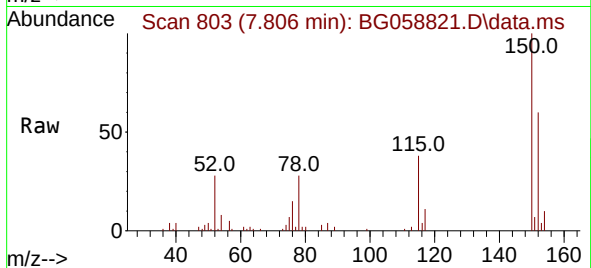




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.806 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BG058821.D
 Acq: 23 Aug 2023 14:13

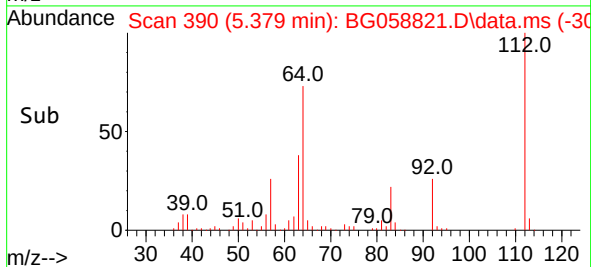
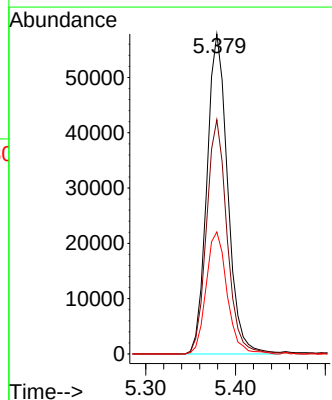
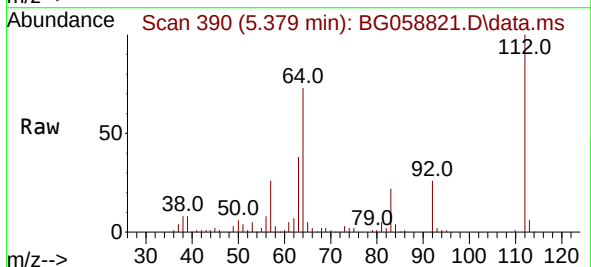
Instrument :
 BNA_G
 ClientSampleId :
 TP-B

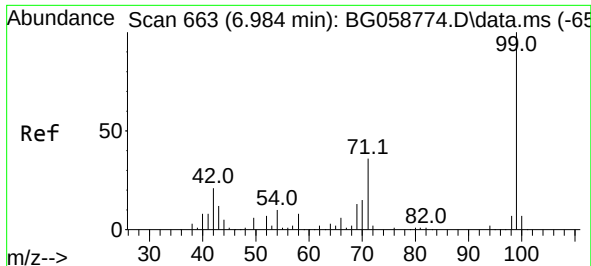
Tgt Ion:152 Resp: 17160
 Ion Ratio Lower Upper
 152 100
 150 166.9 128.6 192.8
 115 62.7 50.4 75.6



#5
 2-Fluorophenol
 Concen: 87.133 ng
 RT: 5.379 min Scan# 390
 Delta R.T. -0.001 min
 Lab File: BG058821.D
 Acq: 23 Aug 2023 14:13

Tgt Ion:112 Resp: 92913
 Ion Ratio Lower Upper
 112 100
 64 73.2 60.6 90.8
 63 38.2 31.0 46.4

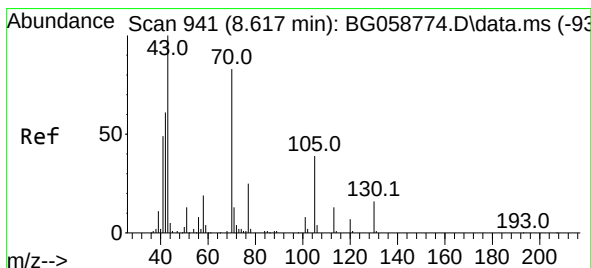
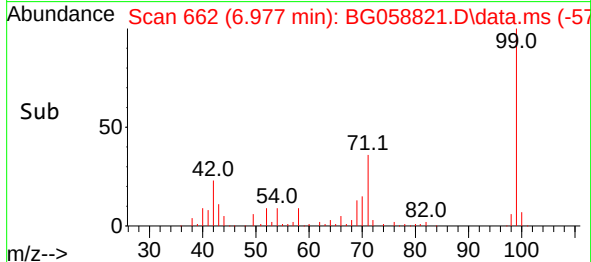
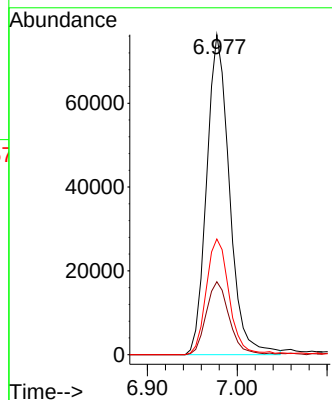
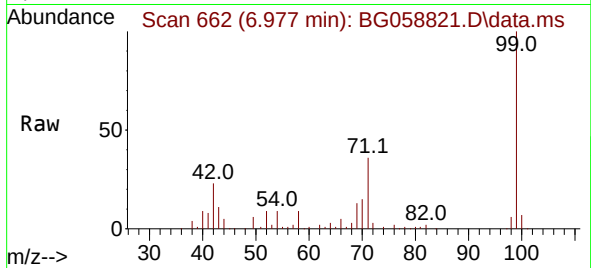




#7
Phenol-d6
Concen: 89.929 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG058821.D
Acq: 23 Aug 2023 14:13

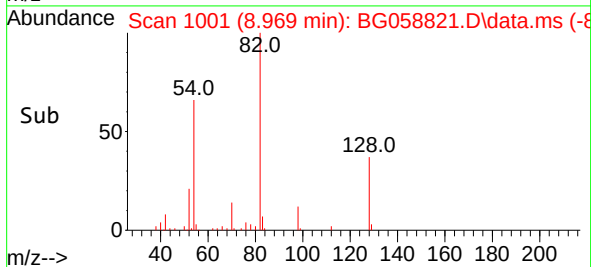
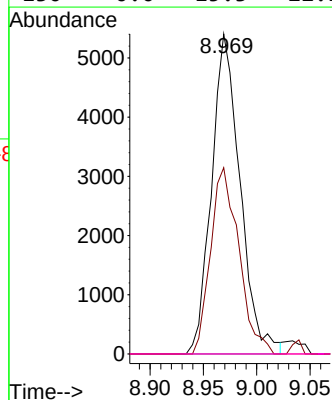
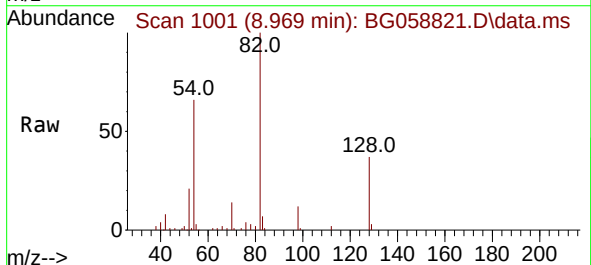
Instrument :
BNA_G
ClientSampleId :
TP-B

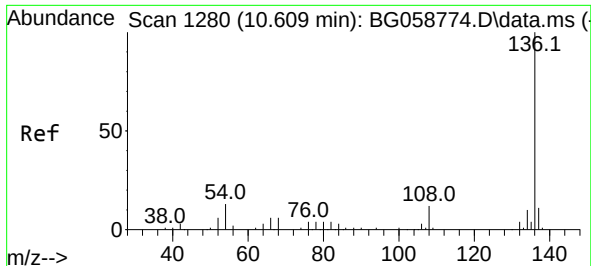
Tgt Ion: 99 Resp: 134541
Ion Ratio Lower Upper
99 100
42 22.8 16.5 24.7
71 36.2 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.398 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.352 min
Lab File: BG058821.D
Acq: 23 Aug 2023 14:13

Tgt Ion: 70 Resp: 10056
Ion Ratio Lower Upper
70 100
42 58.2 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#

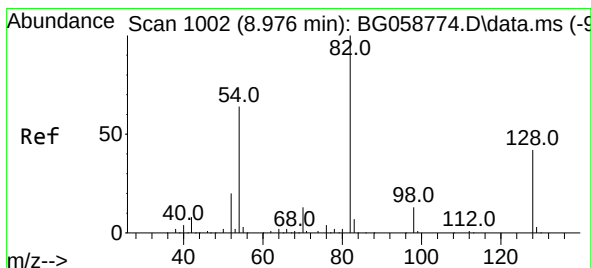
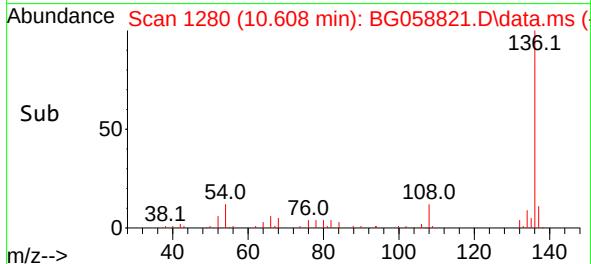
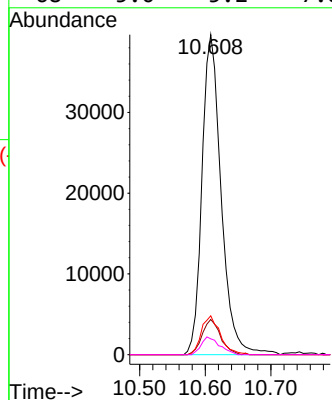
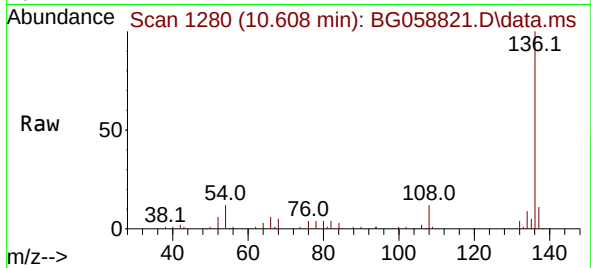




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058821.D
Acq: 23 Aug 2023 14:13

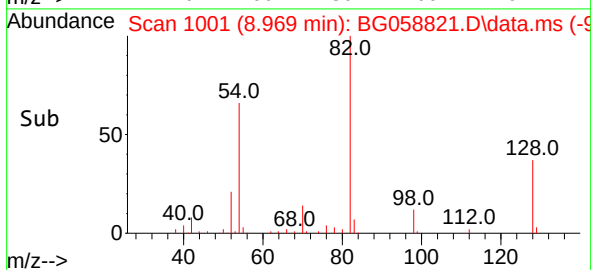
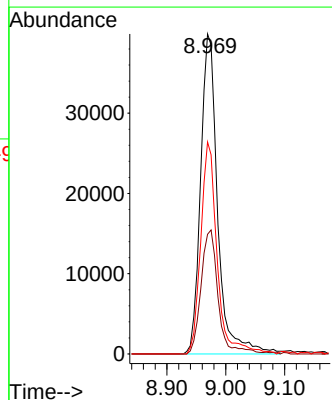
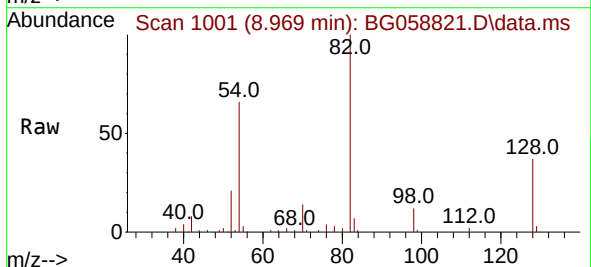
Instrument :
BNA_G
ClientSampleId :
TP-B

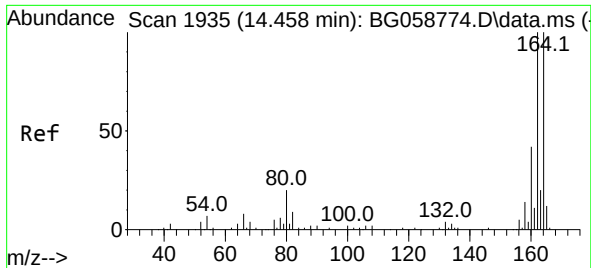
Tgt Ion:136 Resp: 80627
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 12.2 10.1 15.1
68 5.0 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 47.872 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG058821.D
Acq: 23 Aug 2023 14:13

Tgt Ion: 82 Resp: 80282
Ion Ratio Lower Upper
82 100
128 37.4 33.2 49.8
54 66.3 51.2 76.8

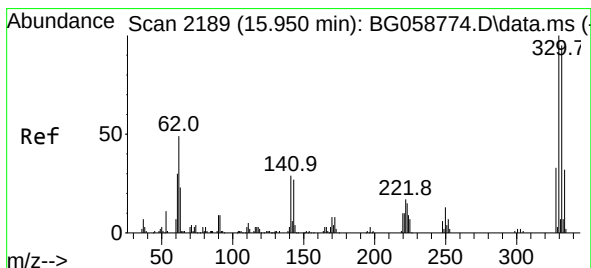
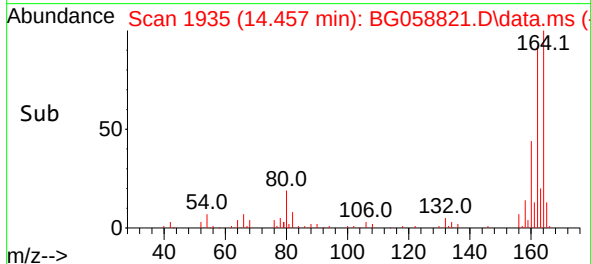
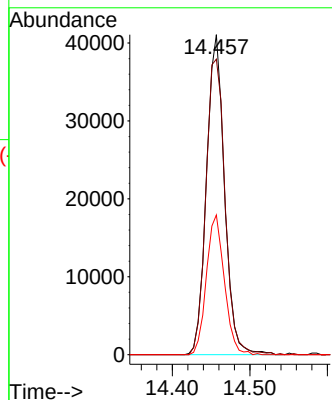
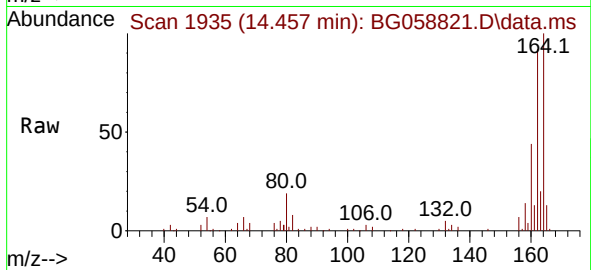




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058821.D
Acq: 23 Aug 2023 14:13

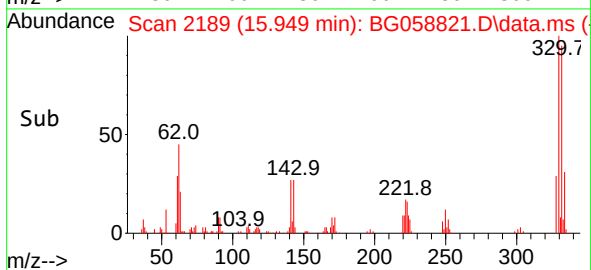
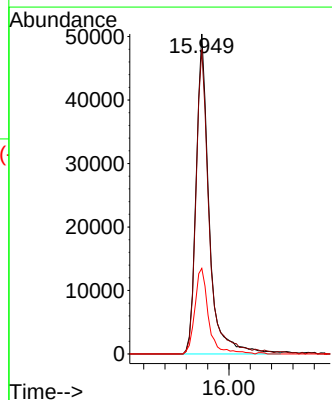
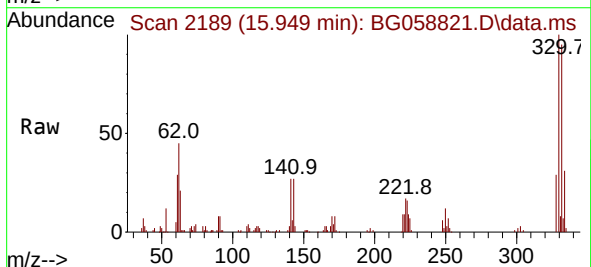
Instrument :
BNA_G
ClientSampleId :
TP-B

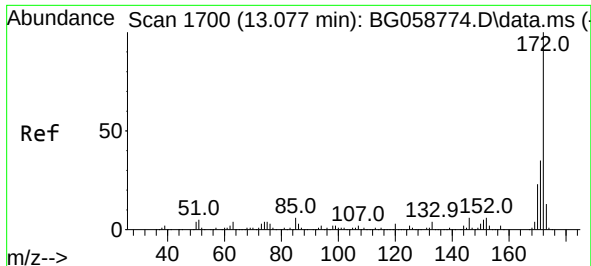
Tgt Ion:164 Resp: 66195
Ion Ratio Lower Upper
164 100
162 92.3 79.6 119.4
160 43.7 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 82.380 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058821.D
Acq: 23 Aug 2023 14:13

Tgt Ion:330 Resp: 85504
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 28.1 23.0 34.6

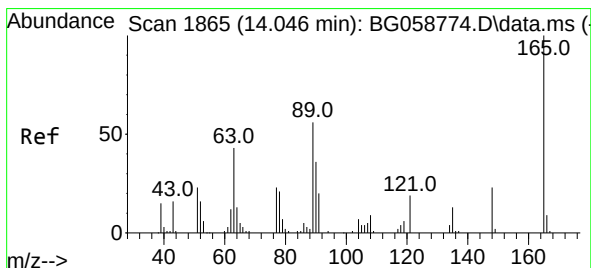
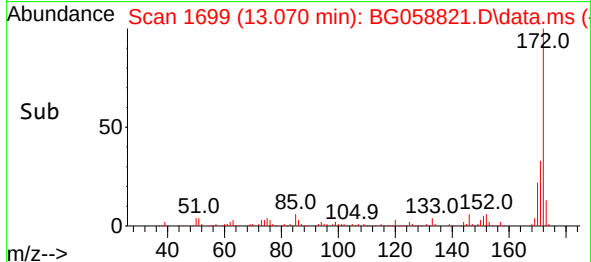
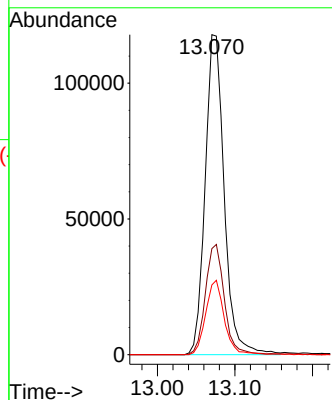
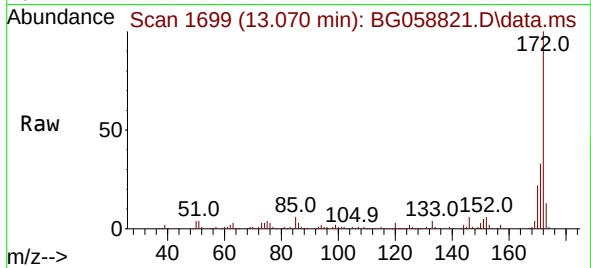




#45
 2-Fluorobiphenyl
 Concen: 44.302 ng
 RT: 13.070 min Scan# 1
 Delta R.T. -0.007 min
 Lab File: BG058821.D
 Acq: 23 Aug 2023 14:13

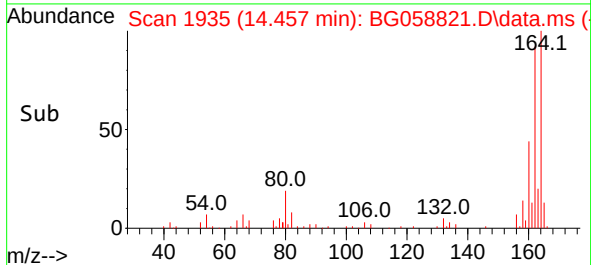
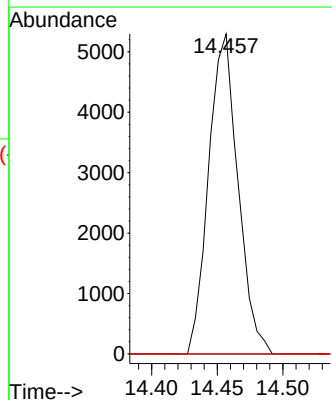
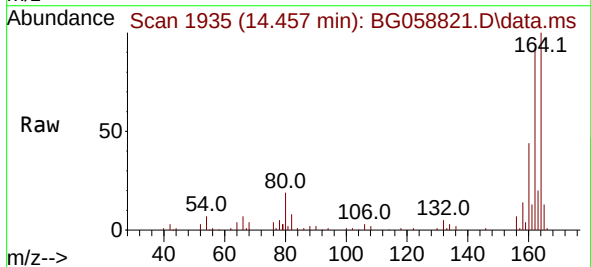
Instrument :
 BNA_G
 ClientSampleId :
 TP-B

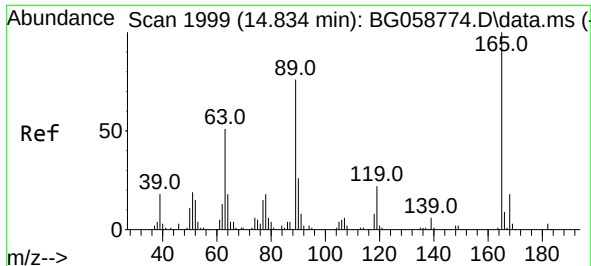
Tgt Ion:172 Resp: 201628
 Ion Ratio Lower Upper
 172 100
 171 33.2 28.1 42.1
 170 21.8 18.6 27.8



#51
 2,6-Dinitrotoluene
 Concen: 7.658 ng
 RT: 14.457 min Scan# 1935
 Delta R.T. 0.411 min
 Lab File: BG058821.D
 Acq: 23 Aug 2023 14:13

Tgt Ion:165 Resp: 8246
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.2 70.8#
 89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.491 ng

RT: 14.457 min Scan# 1999

Delta R.T. -0.377 min

Lab File: BG058821.D

Acq: 23 Aug 2023 14:13

Instrument :

BNA_G

ClientSampleId :

TP-B

Tgt Ion:165 Resp: 8246

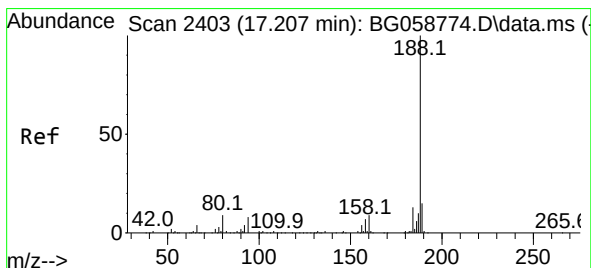
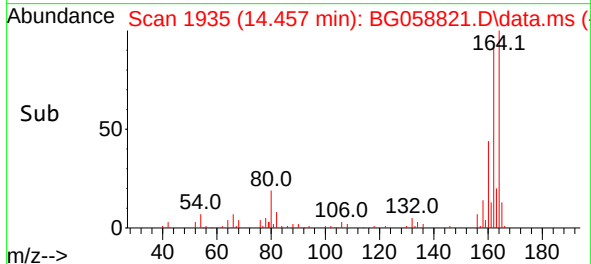
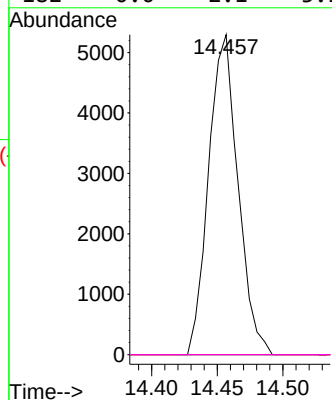
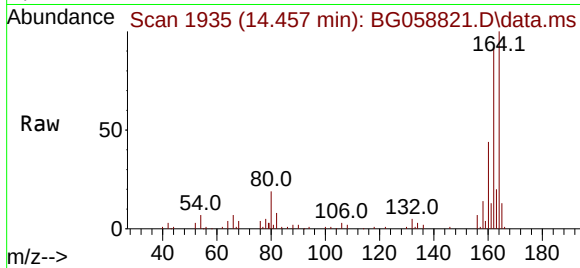
Ion Ratio Lower Upper

165 100

63 0.0 41.8 62.6#

89 0.0 60.7 91.1#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2402

Delta R.T. -0.007 min

Lab File: BG058821.D

Acq: 23 Aug 2023 14:13

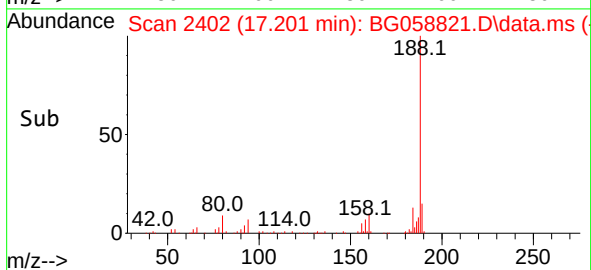
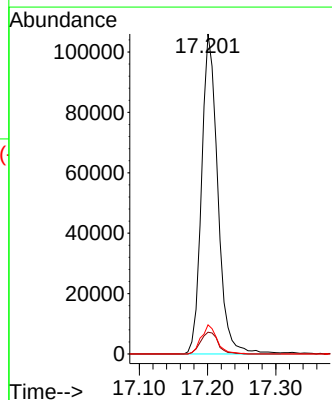
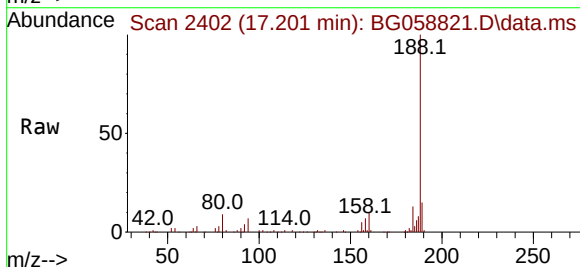
Tgt Ion:188 Resp: 175033

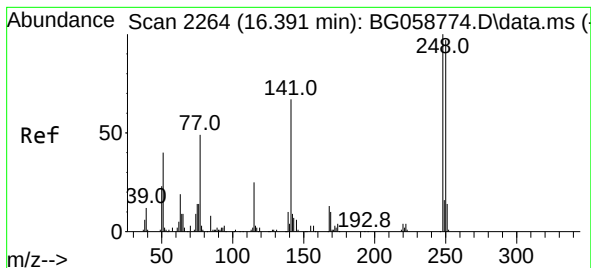
Ion Ratio Lower Upper

188 100

94 6.8 6.1 9.1

80 9.1 6.9 10.3

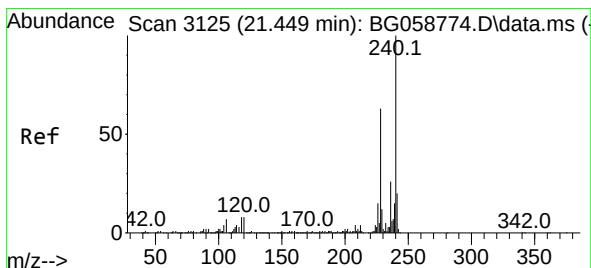
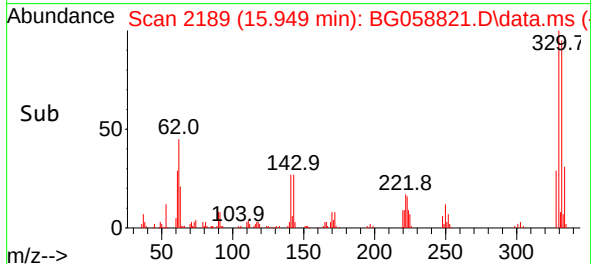
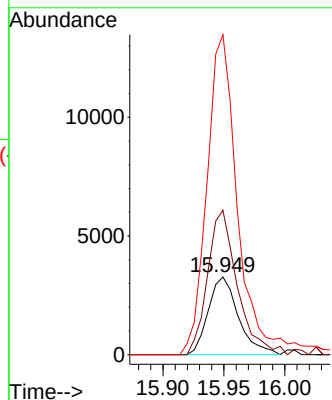
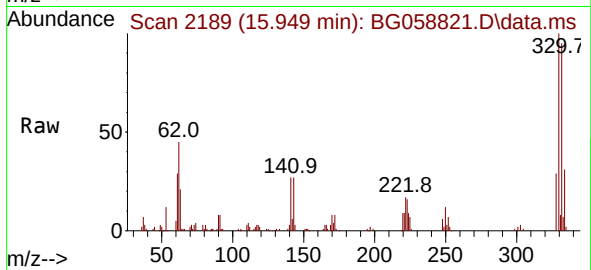




#67
4-Bromophenyl-phenylether
Concen: 2.928 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.442 min
Lab File: BG058821.D
Acq: 23 Aug 2023 14:13

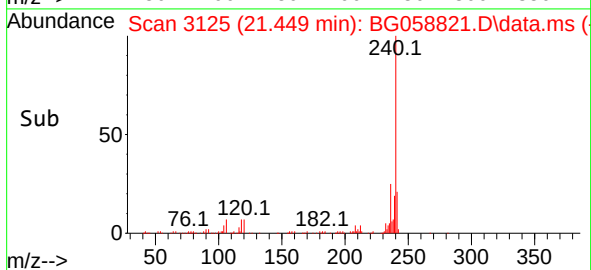
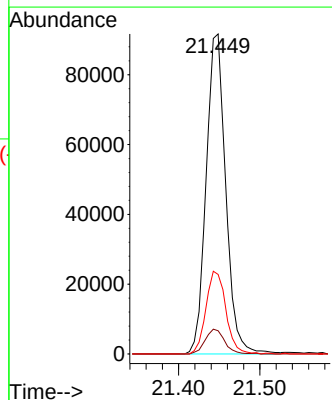
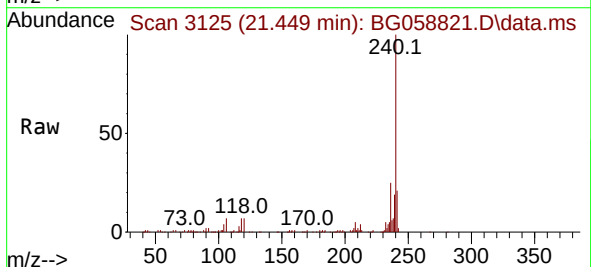
Instrument :
BNA_G
ClientSampleId :
TP-B

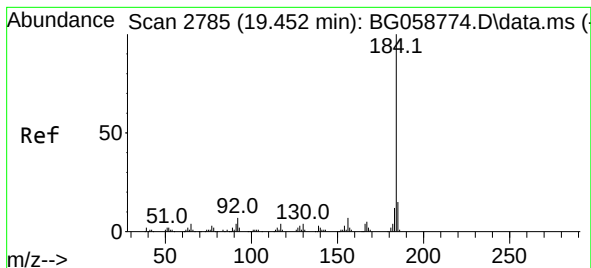
Tgt Ion:248 Resp: 5624
Ion Ratio Lower Upper
248 100
250 185.8 77.7 116.5#
141 411.6 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058821.D
Acq: 23 Aug 2023 14:13

Tgt Ion:240 Resp: 153425
Ion Ratio Lower Upper
240 100
120 7.2 6.2 9.2
236 24.9 20.5 30.7





#77

Benzidine

Concen: 2.073 ng

RT: 19.821 min Scan# 21

Delta R.T. 0.369 min

Lab File: BG058821.D

Acq: 23 Aug 2023 14:13

Instrument :

BNA_G

ClientSampleId :

TP-B

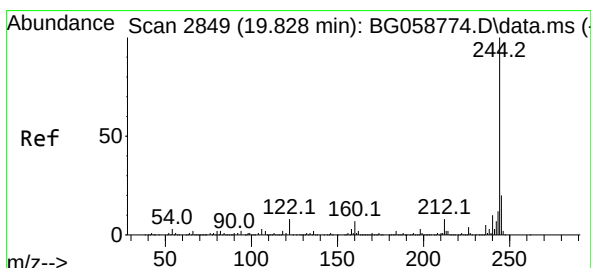
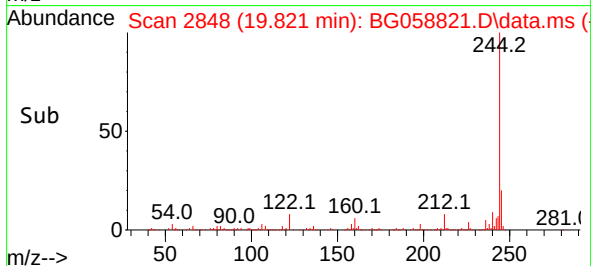
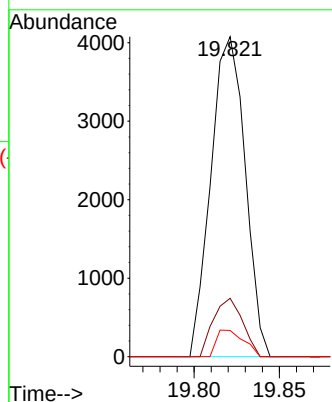
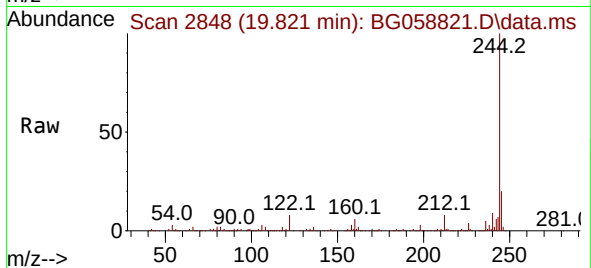
Tgt Ion:184 Resp: 5700

Ion Ratio Lower Upper

184 100

185 18.2 11.9 17.9#

183 8.2 10.0 15.0#



#79

Terphenyl-d14

Concen: 48.372 ng

RT: 19.821 min Scan# 2848

Delta R.T. -0.007 min

Lab File: BG058821.D

Acq: 23 Aug 2023 14:13

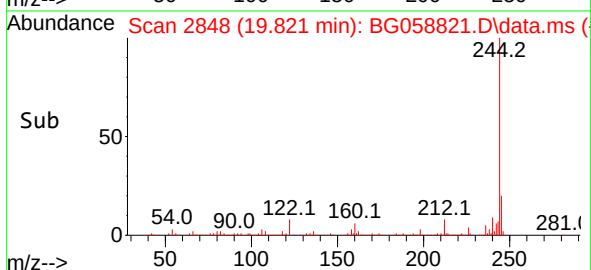
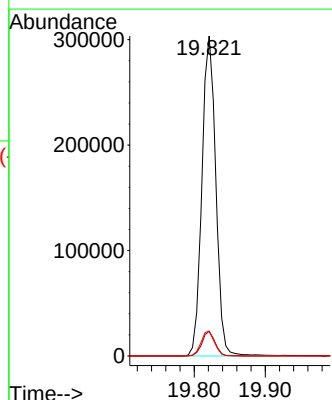
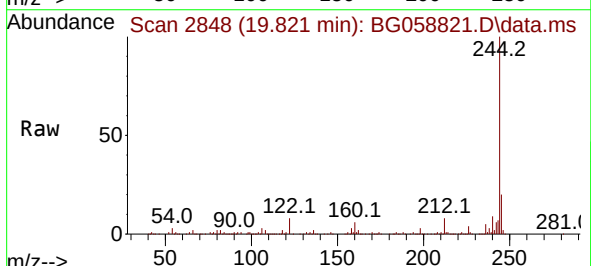
Tgt Ion:244 Resp: 413317

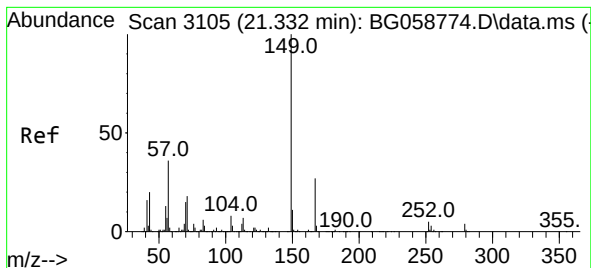
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 7.8 6.3 9.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.867 ng

RT: 21.184 min Scan# 3080

Delta R.T. -0.148 min

Lab File: BG058821.D

Acq: 23 Aug 2023 14:13

Instrument :

BNA_G

ClientSampleId :

TP-B

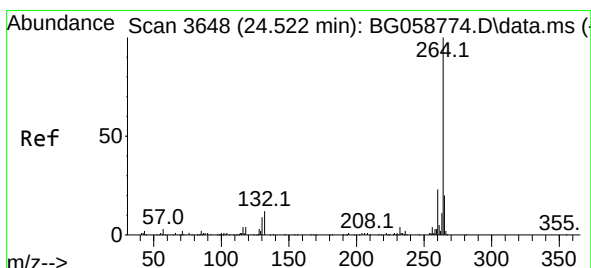
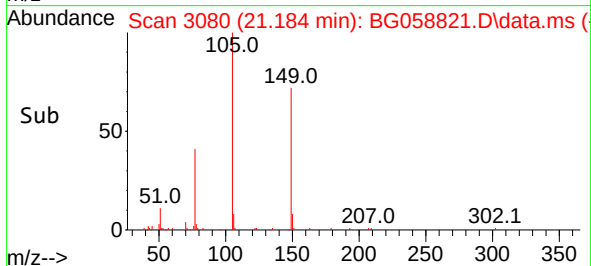
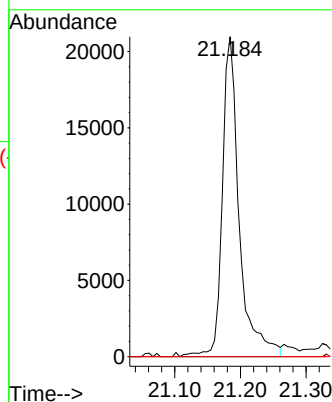
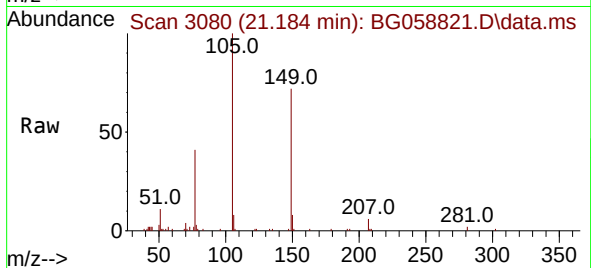
Tgt Ion:149 Resp: 37307

Ion Ratio Lower Upper

149 100

167 0.0 21.7 32.5#

279 0.0 3.2 4.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.521 min Scan# 3648

Delta R.T. -0.001 min

Lab File: BG058821.D

Acq: 23 Aug 2023 14:13

Tgt Ion:264 Resp: 187961

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

265 21.4 16.4 24.6

